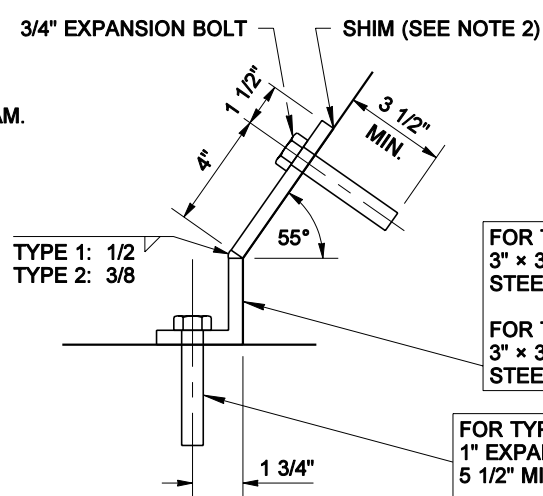
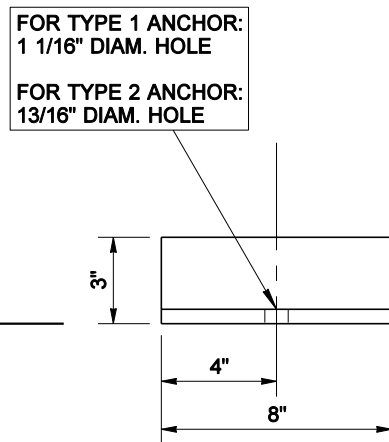


ATTACHMENT "A" DETAIL



ATTACHMENT "B" DETAIL



FOR TYPE 1 ANCHOR:
3" x 3" x 1/2" x 8"
STEEL ANGLE

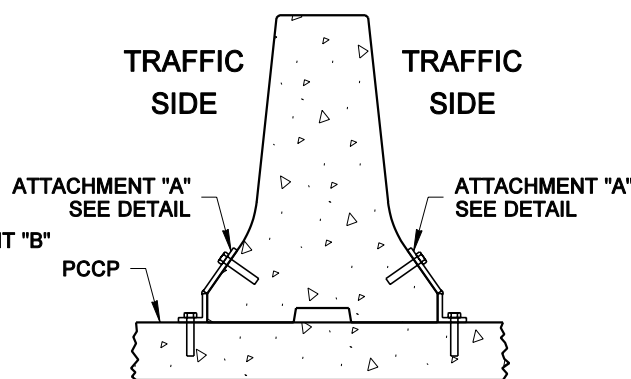
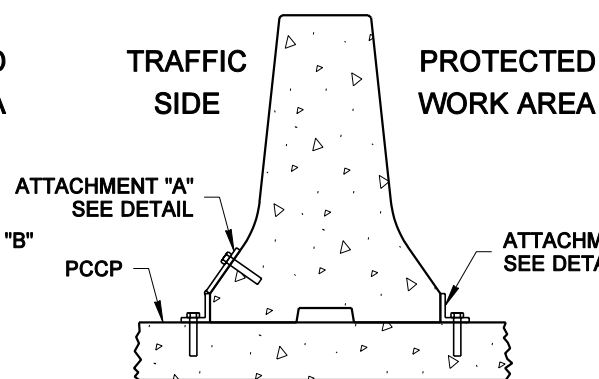
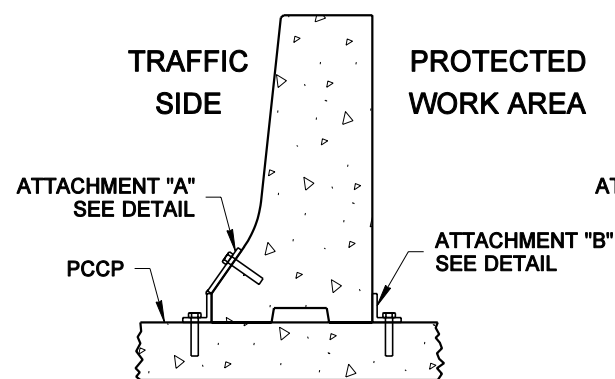
FOR TYPE 2 ANCHOR:
3" x 3" x 3/8" x 8"
STEEL ANGLE

FOR TYPE 1 ANCHOR:
1" EXPANSION BOLT WITH
5 1/2" MIN. EMBEDMENT

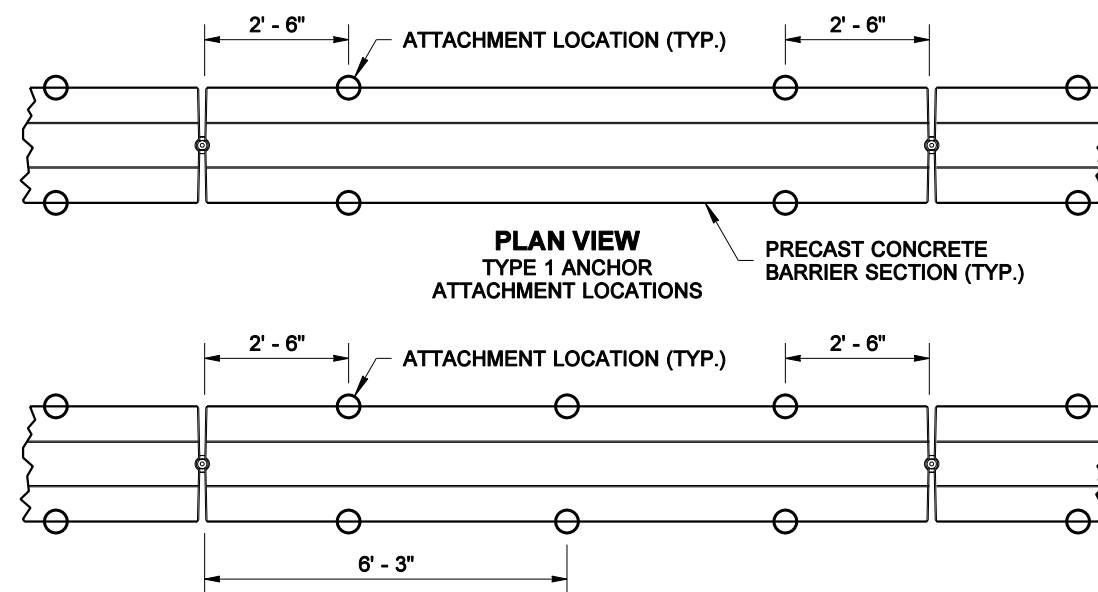
FOR TYPE 2 ANCHOR:
3/4" EXPANSION BOLT WITH
3 1/2" MIN. EMBEDMENT

NOTES

1. Use Type 1 Anchors when a deeper embedment (5 1/2") into the bridge deck or conc. pavement is permitted by the Engineer.
2. Adjust the location of the Type 1 or Type 2 Anchors to avoid the main reinforcing in the deck when drilling holes.
3. Use shims to properly fit the Type 1 or Type 2 Anchors to the barrier and roadway surfaces.
4. After removing Type 1 or Type 2 Anchors, clean the bolt holes and fill them with grout according to Std. Spec. 6.02.3(20).
5. Remove the Type 3 Anchors by first driving the steel pins down through the barrier further into the pavement to allow lifting the barrier without interference, then remove the pins from the pavement.
6. After removing Type 3 Anchors, clean the pin holes and fill them with sealant according to Std. Spec. 9-04.2.

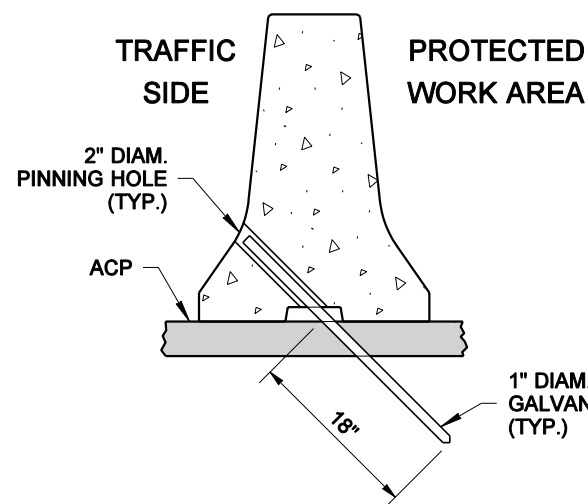


PRECAST BARRIER SECTIONS

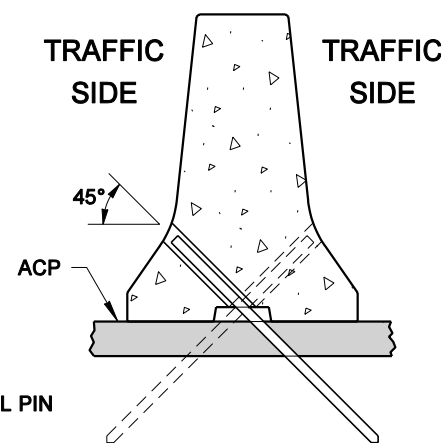


PLAN VIEW
TYPE 2 ANCHOR
ATTACHMENT LOCATIONS

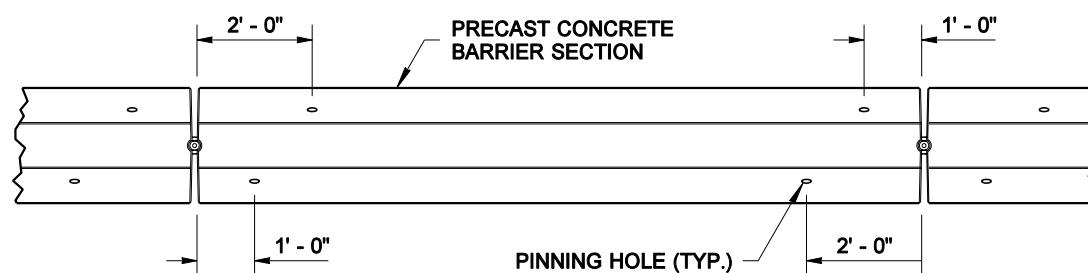
TYPE 1 AND TYPE 2 ANCHORS
FOR TEMPORARY CONCRETE BARRIER INSTALLATIONS
ON CEMENT CONCRETE PAVEMENT



PRECAST BARRIER SECTIONS



TYPE 3 ANCHOR
FOR TEMPORARY OR PERMANENT
PRECAST CONCRETE BARRIER INSTALLATIONS
ON ASPHALT CONCRETE PAVEMENT



PLAN VIEW
TYPE 3 ANCHOR
PINNING HOLE LOCATIONS



EXPIRES JULY 24, 2004

PRECAST CONCRETE BARRIER ANCHORS STANDARD PLAN C-8e

SHEET 1 OF 1 SHEET

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

06/2002	UPDATED ALL DETAILS AND NOTES.	MAS
DATE	REVISION	BY

APPROVED FOR PUBLICATION

Harold J. Peterfeso 06-24-02

STATE DESIGN ENGINEER

DATE



Washington State Department of Transportation